

MARLA C. SANCHEZ

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EDUCATION

UNIVERSITY OF CALIFORNIA AT BERKELEY, Berkeley California

M.S Energy & Resources Group, 1997. Interdisciplinary energy analysis and environmental studies, with emphasis on energy-efficiency policy analysis
Master's Thesis: "Miscellaneous Electricity Use in U.S. Homes."

ALLEGHENY COLLEGE, Meadville Pennsylvania

B.S, Summa Cum Laude, Environmental Studies and Political Science (double major), 1995. Interdisciplinary study of environmental sciences and environmental policy analysis

Honors: Academic Merit Scholarship, four years

EMPLOYMENT

LAWRENCE BERKELEY NATIONAL LABORATORY, BERKELEY CALIFORNIA
ENVIRONMENTAL ENERGY TECHNOLOGIES DIVISION

FEBRUARY 2008-PRESENT, *Staff Research Associate*

DECEMBER 2001-JANUARY 2008, *Principal Research Associate*

Analyze market and energy efficiency potential for end use products, evaluate energy savings impact of programs, collect primary and secondary data, build and run energy models, prepare technical reports, and interact with clients to determine needs and plan analyses

Major Accomplishments

- Quantify energy savings impact for US EPA's ENERGY STAR voluntary product labeling program and publish annual technical report to summarize methodology and results
- Estimate consumer cost-effectiveness of ENERGY STAR fixtures, vending machines, and room air cleaners
- Evaluate energy savings associated with new and revised ENERGY STAR specifications including the development of press releases; results aid US EPA in the development of final ENERGY STAR performance levels
- Lead LBNL activity related to developing ENERGY STAR consumer outreach materials
- Assist in the development of taxonomy/classification system for the electronics and miscellaneous electric end uses for the California Energy Commission
- Evaluate the field operating patterns of office equipment and miscellaneous end use products in U.S. commercial buildings
- Technical lead on ENERGY STAR specification revisions for individual electronics products

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON DC
OFFICE OF AIR AND RADIATION, CLIMATE PROTECTION PARTNERSHIPS DIVISION
APRIL 1999 to NOVEMBER 2001

Environmental Specialist

Analyzed market and energy efficiency potential for end use products, ENERGY STAR product specification development, and quantification and verification of energy savings

Major Accomplishments

- Developed new ENERGY STAR specifications for dehumidifiers and bottled water coolers
- Facilitated development of a comprehensive model to quantify US EPA ENERGY STAR product labeling impacts
- Developed ENERGY STAR testing and verification protocol to assess ENERGY STAR product compliance
- Created consumer marketing outreach for use in ENERGY STAR public service announcements

LAWERENCE BERKELEY NATIONAL LABORATORY, BERKELEY CALIFORNIA
ENERGY TECHNOLOGIES DIVISION
JUNE1995-MARCH1999

Senior Research Associate

Analyzed market and energy efficiency potential for end use products, evaluated energy savings impact of programs, collected primary and secondary data, built and ran energy models, and prepared technical reports

Major Accomplishments

- Developed regional builder option packages to support the ENERGY STAR New Homes Program
- Developed supply curve for natural gas efficiency improvements in the U.S. residential sector; study includes energy baseline, estimated efficiency savings, and a financial analysis of technology options
- Developed detailed model of residential miscellaneous electricity use (1976-2010) including historic and forecasted energy consumption as well as energy efficiency opportunities
Published in Wall Street Journal, August 16, 2001, "How Much Power Do *You* Use?"